# CONTENTS


| | | |
|---|---|---|
| | Foreword | vii |
| Chapter 1. | Forbidden muon decays<br>A. VAN DER SCHAAF | 1 |
| Chapter 2. | Rare decays of muons and kaons as a probe of new fundamental symmetries of nature<br>R. N. MOHAPATRA | 39 |
| Chapter 3. | A chiral confining model of the nucleon<br>M. K. BANERJEE | 77 |
| Chapter 4. | Theoretical description of particle production in heavy-ion reactions at intermediate energies<br>G. Q. LI, A. FAESSLER and S. W. HUANG | 159 |
| Chapter 5. | Response to the report of the transfermium working group "Discovery of the transfermium elements"<br>A. GHIORSO and G. T. SEABORG | 233 |
| Chapter 6. | Response to the report of the transfermium working group<br>YU. TS. OGANESSIAN and I. ZVARA | 239 |
| Chapter 7. | Response to the report of the transfermium working group<br>P. ARMBRUSTER, F. P. HEßBERGER, S. HOFMANN, M. LEINO, G. MÜNZENBERG, W. REISDORF and K.-H. SCHMIDT | 241 |
| | Contents of Some Previous Volumes | 245 |